

Environmental Exchange Box

Project Learning Tree Activity #20

Program of Studies

English Language Arts:

- ELA-P-W-1 (Produce, through drawing, symbols, and letters, writing which has meaning to the student.)
- ELA-P-W-4 (Recognize and develop ideas to support needs of audiences.)
- ELA-P-W-5 (Use details, explanations, and examples to support ideas for specific audiences and purposes.)
- ELA-P-W-6 (Use appropriate details, examples, and explanations to meet needs of audiences for authentic purposes in a variety of form.)
- ELA-4-W-3 (Write transactive pieces (writing produced for authentic purposes and audiences beyond completing an assignment to demonstrate learning) based on personal experiences, reading, listening, observing, and/or inquiry.)
- ELA-4-W-4 (Write literary pieces that show an understanding of characteristics of literary works.)
- ELA-4-W-5 (Write personal pieces to communicate ideas.)
- ELA-5-W-3 (Write transactive pieces (writing produced for authentic purposes and audiences beyond completing an assignment to demonstrate learning) which develop ideas for authentic audiences and purposes.)
- ELA-5-W-4 (Write literary pieces which show an understanding of characteristics of literary works.)
- ELA-5-W-5 (Write personal pieces, including essays, which reflect on personal experience and make connections to real-world issues.)
- ELA-6-W-3 (Use information from technology and other resources to produce writing that develops and supports independent ideas and contains source citations.)
- ELA-6-W-4 (Write transactive pieces (writing produced for authentic purposes and audiences beyond completing an assignment to demonstrate learning) based on personal experience, reading, listening, observing, and/or inquiry.)
- ELA-7-W-3 (Write transactive pieces (writing produced for authentic purposes and audiences beyond completing an assignment to demonstrate learning), based on inquiry and/or personal experience that show independent thinking and incorporate ideas and information from reading, listening, observing, and inquiry.)
- ELA-7-W-4 (Write literary pieces reflecting elements of genres read and techniques/styles of accomplished writers.)
- ELA-7-W-5 (Write personal pieces to communicate ideas.)

Science:

- S-P-LS-6 (Organisms' patterns of behavior are related to the nature of organisms' environments. There are many different environments (e.g., deserts, rainforests) on Earth that support different types of organisms.)

- S-4-LS-7 (Organisms' patterns of behavior are related to the nature of organisms' environments. There are many different environments (e.g., deserts, rain forests) on Earth that support different types of organisms.)
- S-5-LS-1 (Recognize the relationship between structure and function at all levels of organization (e.g., organ systems, whole organisms, ecosystems).)

Social Studies:

- SS-P-G-3 (Recognize physical and human characteristics of places and regions.)
- SS-4-G-4 (Understand how humans have interacted with the physical environment to meet their needs in Kentucky and regions in the United States.)
- SS-5-G-3 (Recognize unique places in the United States.)
- SS-6-G-2 (Analyze the physical and human characteristics of places and regions.)

Core Content

Writing:

- WR-E-1.2 (*Personal writing* focuses on the life experiences of the writer.)
- WR-E-1.3 (*Literary writing* artfully communicates with the reader about the human condition.)
- WR-E-1.4 (*Transactive writing* is informative/ persuasive writing that presents ideas and information for authentic audiences to accomplish realistic purposes like those students will encounter in their lives.)
- WR-M-1.2 (*Personal writing* focuses on the life experiences of the writer.)
- WR-M-1.3 (*Literary writing* artfully communicates with the reader about the human condition.)
- WR-M-1.4 (*Transactive writing* is informative/ persuasive writing that presents ideas and information for authentic audiences to accomplish realistic purposes like those students will encounter in their lives.)

Science:

- SC-E-3.3.2 (The world has many different environments. Distinct environments support the lives of different types of organisms. When the environment changes, some plants and animals survive and reproduce, and others die or move to new locations.)
- SC-M-3.5.2 (Populations of organisms can be categorized by the function they serve in an ecosystem. Plants and some microorganisms are producers because they make their own food. All animals, including humans, are consumers, and obtain their food by eating other organisms. Decomposers, primarily bacteria and fungi, are consumers that use waste materials and dead organisms for food. Food webs identify the relationships among producers, consumers, and decomposers in an ecosystem.)

Social Studies:

- SS-E-4.2.1 (Every place is unique and can be described by its human (e.g., language, religion, housing) and physical characteristics (e.g., landforms, climates, water).)
- SS-M-4.2.3 (Regions can be different in size and defined in different ways.)